Event Description: V-870 fuel gas drum H2S analyzer failed. Maintenance repair still in progress.	10/18/2012 12:40 PM 10/20/2012 8:48 AM U-870 Discovered On: 10/19/2012	Event Description: While putting #2 substation back on double line feed, power was lost to several power feeds. This caused a loss of power indication on two DSC array more information.	10/18/2012 4:30 PM Discovered On: 10/18/2012	Event Description: FCC: power supply on the processor that controls the CEMs failed; back in service on 10/08 at 1110 hrs	10/6/2012 6:01 AM 10/8/2012 11:10 AM Discovered On: 10/6/2012 S4285	Event Description: V-65 O2 CEM missed calibration on Saturday, 9/15/12. Last successful calibration occurred on Friday, 9/14/12 at 0640 hrs. Next good calibration oc	9/14/2012 6:40 AM 9/16/2012 6:40 AM 🕢 S4285	Event Description: F-570/580: NOx analyzer failed calibration on 7/29/2012. The last successful calibration occurred on 7/28/2012 at 0925 hours. Analyzer repaired and	7/28/2012 9:25 AM 7/30/2012 3:08 PM 🕢 S4044 Discovered On: 7/30/2012	REVISION: (7/30/12) CO and O2 analyzers failed calibration on 7/29/2012. Last successful calibration occurred on 7/28/2012 at 0857 hrs. Successful calibration on 7/30/2012 at 1517 hrs.	Event Description: Cogen 1000 Train: NOx analyzer malfunctioned. Analyzer repaired and calibrated on 7/30/2012 at 1517 hrs.	7/28/2012 8:57 AM 7/30/2012 3:17 PM 🕢 S4350 Discovered On: 7/28/2012	Started Stopped Source (S#) Device (A#) Poi	Inoperable monitors as defined by BAAQMD Regulations 1-522 and 1-523 for the reporting period are summarized below:	A0010 Chevron Richmond Refinery Facility Address: 841 Chevron Way City: Reimond State: CA Zip Code: 94801 Contact: Theims Desiderio	
		s caused a lo		110 hrs.		Friday, 9/14/		ed on 7/28/20		libration occu	at 1517 hrs.		Emission Point (P#) C	summarize	From d Refiner	BAAQMD Title V Permit 6 Month Monitoring Report
	S	ss of po			S	12 at 06)12 at 09	<u>S</u>	лтеd on		S	CEM GLM Gas	d belon	7/1/20 Y	th Mo
		wer indic				40 hrs.		25 hour		7/28/20			Fuel M Gas	*:	2 to 1	Title \nitori
		ation on				Next goo		s. Analy:		12 at 08:					From 7/1/2012 to 12/31/2012 sfinery little: Air Compile	V Pern ng Rep
		two DS(S	d calibra		zer repaiı	<	7 hrs. S		<	Parametri NOx SO2		500	nit oort
		C arrays			<u> </u>	ation occ		red and		uccessfu					Mailing Address PO Box. 1277 PO Box. 1277 PO Box. 1277 PO Box. 1277 Zip Code: 94802-0272 nce-Technic Phone: (\$10)	
	□ S)	69GE00			S	ccurred on Sunday, 9/16/12 at 0640 hrs		calibrate		ıl calibra			<u>CO H2S</u>		iddress PO Box 12772 PO Box 12772 PO Box 20772 PO4807-0272 Phone: (\$10)	
		3C and				Sunday		d succes		tion on			TRS N		277 d	
		69GE00				, 9/16/1:	□ ≤	sfully or		7/30/201			H3 02		510) 24	
		3D that				2 at 0640		17/30/20		2 at 151			<u>C02 H</u>		ss ox.12772 nnond 2-02772 Phone: (\$10),242-3957	
		contain) hrs.		calibrated successfully on 7/30/2012 at 1508 hrs.		7 hrs.			TRS NH3 O2 CO2 H2O LTA			
		everal p						08 hrs.								-
		arametri											Steam			
		c meters											Flow W			
		s 69GE003C and 69GE003D that contain several parametric meters for the FGR system. Refer to U&E LI for											Wind Lead Steam Flow Wind Dir. Speed			
		FGR sys											Wind Speed			
		stem. Re											T Hg			
		fer to U											рН Тетр. VOC.			
		&E LI f											Gauge OC. Press.			
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Tuesday, January 29, 2013

Update: Maintenance completed and V-870 H2S analyzer is back in service as of 10/20/12 at 0848 hrs.

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Event Description: F-1251 02 CEMs failure accounted on 12/2012 at 10.614 hours. Page its completed and good calibration account.	12/29/12 at 0614 house 12	Event Description: F-1251 O2 CFMs failure occurred on
		2102/10/10 Cit. 15/21/2017
[0	Discovered On: 17/31/2012
	S4340	12/29/2012 6:14 AM 12/30/2012 10:03 AM
1-1231 sample system failed due to moisture causing the NOx/O2/CO analyzers to go inoperative on Friday, 12/14 at 1133 hrs. The last good calibration occurred on Friday, 12/14 at 0800 hrs. The analyzer was inoperative for >24 hours on 12/15 at 1133 hrs. Repairs completed. Good calibration occurred on 12/17/17 at 3-53 pt/	oisture causing the NOx/0 occurred on 12/17/12 at 3:	r-1231 sample system failed due to moisture causing the NOx/O2/CO a
		7 125
	Episode Number 06J06	Event Description: REVISED: Please refer to BAAQMD Episode Number 06106
		Discovered On: 12/17/2012
	S4340	12/14/2012 11:33 AM 12/17/2012 3:53 PM
Abatement Emission Fuel Opacity/ Device (A#) Point (P#) CEM GLM Gas Parametri NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA Lead Steam Flow Wind Dir. Speed pH Temp. VOC. Press	Source (S#)	Started Stopped

Signature of Responsible Official Nigel Hearne
Print Name General Manager Richmond Refinery
Title 30 JAN 2013